



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,992	03/24/2004	Rainer Schoenfeld	H 50058 HST	7745
38857	7590	04/28/2008	EXAMINER	
WOODCOCK WASHBURN LLP			SELLERS, ROBERT E	
CIRA CENTRE, 12TH FLOOR				
2929 ARCH STREET			ART UNIT	PAPER NUMBER
PHILADELPHIA, PA 19104-2891			1796	
			MAIL DATE	DELIVERY MODE
			04/28/2008	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/808,992	SCHOENFELD, RAINER
	<b>Examiner</b>	<b>Art Unit</b>
	Robert Sellers	1796

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 13 March 2008.

2a) This action is **FINAL**.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-17 and 19-30 is/are pending in the application.

4a) Of the above claim(s) 2-5,7,11,12,14-17,23 and 25-29 is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1, 6, 8-10, 13, 19-22, 24 and 30 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.

4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.

5) Notice of Informal Patent Application

6) Other: \_\_\_\_\_.

Claims 25-29 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Claims 2-5, 7, 11, 12, 14-17 and 23 are withdrawn as being directed to non-elected species. The election was made **without** traverse in the non-Final rejection mailed June 23, 2006.

The text of section 103(a) of Title 35, U.S. Code not included in this action can be found in the non-Final rejection.

Claims 1, 6, 8-10, 13, 19-22, 24 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Speranza et al. Patent No. 5,128,441.

The rejection is maintained for the reasons of record set forth in the previous Office actions. The arguments filed March 13, 2008 have been considered but are unpersuasive.

1. Speranza et al. in column 5, lines 9 and 26-27 discloses a “carboxylic acid, ester, or anhydride” reacted with the polyoxyalkylene diamine or triamine. Although column 6 only lists species of dicarboxylic acids, column 5, lines 66 to column 6, line 1 states that “[t]he dicarboxylic acid starting material for the present invention may be any suitable aliphatic or aromatic dicarboxylic acid **or an anhydride** or a lower alkyl ester thereof.” Accordingly, the trimellitic acid set forth in column 6, lines 47-48 includes trimellitic acid anhydride.

Even if the disclosure is interpreted in the light most favorable to applicant by confining the reactant to only trimellitic acid, the reaction with a polyoxyalkylene diamine or triamine still produces amide groups (col. 5, lines 39-41) within the claimed amine-functional elastomeric prepolymer (the claimed prepolymer structure wherein  $m > (n + p)$  in the terminal  $[X-H]_{m-(n+p)}$  groups).

2. The declaration filed November 30, 2007 on page 2, items 5-7 shows the preparation of Product F of Speranza et al. 5,128,441 which has been withdrawn based on the presence of imide groups as exhibited by a  $^{13}\text{C}$  NMR peak at 168 ppm as explained in paragraph 1 of the non-Final rejection mailed December 13, 2007. However, Product F is not representative of the closest prior art structure shown in Example 2 (col. 13) resulting from the reaction of polyoxypropylene diamine Jeffamine<sup>®</sup> D-2000 (col. 7, lines 6-9) and adipic acid at 200°C which contains amide groups according to column 5, lines 39-41.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Sellers whose telephone number is (571) 272-1093. The examiner can normally be reached on Monday to Friday from 9:30 to 6:00. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866) 217-9197 (toll-free).

/Robert Sellers/

Robert Sellers  
Primary Examiner  
Division 1796